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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER *634-5131*

For release June 21, 1963 ATLANTA 22, GEORGIA Vol. 12, No. 24

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 15, 1963

TETANUS – The 9 cases of tetanus reported for the week ending June 15, 1963, brings the total number of reported cases during the first 24 weeks of the current year to 99, a 10 percent increase over the corresponding number of cases, 89, reported for the similar period during 1962.

In the table (right) are shown the annual totals of tetanus cases and tetanus deaths in the United States for the years 1958-1962.

National tetanus morbidity and mortality trends have been slowly decreasing since 1952. The ratio of deaths to cases during the same period has remained constant. (see graph, page 198).

TETANUS – UNITED STATES

	1962	1961	1960	1959	1958
Total Cases	291*	379	368	445	445
Total Deaths	**	**	231	283	303

* Preliminary total
** Data not yet available

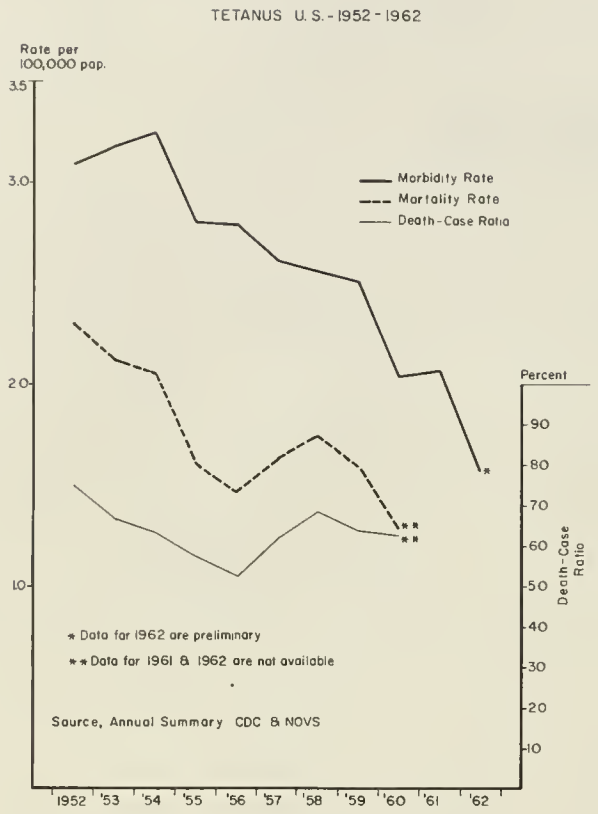
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

Disease	24th Week Ended June 15, 1963	24th Week Ended June 16, 1962	24th Week Median 1958 - 1962	Cumulative First 24 weeks 1963	Cumulative First 24 weeks 1962	Cumulative First 24 weeks Median 1958 - 1962
Aseptic meningitis	37	28	---	567	507	---
Brucellosis	8	10	11	156	183	340
Diphtheria	6	4	7	126	204	318
Encephalitis, infectious	33	36	35	696	715	685
Hepatitis, infectious and serum	659	825	599	22,313	30,102	18,055
Measles	12,223	13,202	13,889	319,028	399,357	346,559
Meningococcal infections	47	38	38	1,358	1,137	1,258
Poliomyelitis, total	6	17	37	67	175	387
Paralytic	5	14	31	57	135	284
Nonparalytic	1	3	4	3	24	66
Unspecified	-	-	2	7	16	37
Streptococcal sore throat and Scarlet fever	4,851	4,638	---	206,237	189,047	---
Tetanus	9	11	---	99	89	---
Tularemia	9	6	---	102	116	---
Typhoid fever	6	9	15	161	213	259
Typhus fever, tick-borne, (Rocky Mountain spotted)	7	10	---	37	50	---
Rabies in Animals	70	63	63	1,869	1,997	1,933

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Psittacosis:	29
Botulism:	5	Rabies in Man:	-
Malaria:	41	Smallpox:	-
Plague:	-	Typhus, murine:	5



EPIDEMIOLOGICAL REPORTS

Salmonellasis – California

Two outbreaks of salmonellosis due to *S. heidelberg* occurred in a California city in March 1963. Both were traced to a common source, French vanilla ice cream, prepared by a local manufacturer.

The first outbreak occurred among 29 persons who ate food served at a birthday party on March 16, 1963. Twenty-two of the 29 persons subsequently became ill, with onset of symptoms between 12 and 51 hours after attending the party. Characteristic symptoms included stomach cramps, diarrhea, muscular aches, and fever in some to 104° F.

All of the food served at the party was prepared at the home where the party was held with the exception of of the French vanilla ice cream. The attack rates for 27 persons, who ate or did not eat the various foods served at the party, are shown in the table (right). The high attack rate among those eating ice cream suggested this to be the source of infection.

The only samples of food available from the meal for analysis were three of the eight pints of ice cream purchased for the party. Samples from all three pints remaining were positive for *S. heidelberg*. Each sample also contained coagulase positive staphylococci, with plate counts ranging from 10.5 x 10^6/gram to 11.7 x 10^6/gram.

FOOD	ATE FOOD				DID NOT EAT FOOD			
	No. Ill	No. Not Ill	Total	Percent Ill	No. Ill	No. Not Ill	Total	Percent Ill
Turkey	19	7	26	73	1		1	100
Dressing	11	4	15	73.5	9	3	12	75
Mixed vegetables	18	4	22	82	2	3	5	40
Salad	13	3	16	81	7	4	11	64
Mashed Potatoes	20	4	24	81		3	3	0
Gravy	17	4	21	81	3	3	6	50
Ice Cream	19	1	20	95	1	6	7	14
Cake	15	4	19	79	5	3	8	62

Stool specimens were obtained from 19 persons who had eaten the suspect food. Eight of these were positive for salmonella, of which six were salmonella Group B (*S. heidelberg*) and two were salmonella Group C (*S. infantis*).

The second outbreak, reported on March 21, 1963, involved four men who had shared a common meal on March 17, 1963. The meal included beef stew, strawberry shortcake, and French vanilla ice cream of the same brand involved in the outbreak reported above. All four persons became ill 25-29 hours after eating, with symptoms including nausea, headache, stomach cramps, diarrhea, and fever. One of two stool specimens obtained from two of these individuals was positive for *S. heidelberg*.

Prior to laboratory confirmation of *S. heidelberg* in the ice cream samples obtained in the first outbreak, all of the French vanilla ice cream in jobber and retail outlets was recalled by the manufacturing concern. The last batch of French vanilla ice cream had been prepared on February 26, 1963. Laboratory examination of eight pints of the ice cream collected from the manufacturing plant and one of two pints collected from the store from which ice cream in the first outbreak was obtained were found to contain *S. heidelberg* and coagulase positive staphylococci.

One of 9 food handlers at the manufacturing plant was found, on stool culture, to be positive for salmonella Group C (*S. infantis*). This employee, however, handled neither the ice cream nor the immediate containers. His job is to place the exterior cartons, packed with pint containers, into the freezer. He denied other contact with the product, and stated that he did not eat French vanilla ice cream from the suspect batch produced on 2/26 and had not had any recent illness.

Investigation of the materials and methods for preparing the ice cream showed that the separate custard mix used, was made without provisions for recording the the temperature achieved and maintained during processing. Bacteriologic examination of two samples of frozen

egg yolks used in making custard were obtained from the same source as those used in the contaminated lot of ice cream. These contained coagulase positive staphylococci with plate counts of 1.2 and 1.4 x 10^6/gram, respectively. Bacteriologic analysis of the stock coloring solution used in the ice cream indicated that this was capable of supporting bacterial growth. Samples of coloring stock solution prepared on 2/27/63 revealed a total plate count of 4.5 x 10^6/gram, compared to a plate count of less than 100 per gram of the powder used in preparing the stock solution and 5 per gram of the water used in its preparation.

It appears that the egg yolks used in the lot of French vanilla ice cream prepared on 2/26/63 were the most likely source of the salmonella organisms while the preparation of separate custard mix without provisions for recording temperatures during processing may have permitted underprocessing to occur.

(Reported by F. A. Listick, Sanitarian, Los Angeles City Health Department, California; and, Dr. Philip K. Condit, Bureau of Communicable Diseases, California Department of Public Health.)

Anthrox – North Carolino

The case of human anthrax from North Carolina reported in MMWR, Vol. 12, No. 23, page 189, was in a 33-year-old female who worked in a goat hair processing mill. On April 7, 1963, two weeks after beginning work at the mill, she developed a "sore" on her neck, which subsequently was diagnosed as cutaneous anthrax. The patient was seen by her local physician, hospitalized and given penicillin. Recovery was uneventful. Smears and cultures were not obtained prior to antibiotic therapy, but the clinical course was typical of cutaneous anthrax.

The patient worked in the spinning department, and because of her recent employment had not received the initial inoculation of the anthrax vaccine prior to development of the lesion. This is the first reported case of anthrax among employees of the mill since the establishment of an immunization program two years ago.

(Reported by Dr. Z. P. Mitchell, Cleveland County Health Officer, Shelby, North Carolina; and Dr. Jacob Koomen, Jr., Assistant Director, Communicable Disease Section, State Board of Health, Raleigh, North Carolina.)

Solmonello derby Epidemic – Follow-up Report –

There have now been a total of 515 human isolations of *Salmonella derby* reported from 24 States and the District of Columbia since March 1, 1963. Previous reports appeared in MMWR, Vol. 12, pp. 182, 173, 167, and 159.

Three hundred and seventy two of the isolates have been from patients who acquired their infection in hospitals, having been admitted for reasons other than gastroenteritis. The hospital-acquired cases have been reported from 10 States, 7 of them in the northeastern part of the county, accounting for all but six of the cases. These six cases have been reported from Ohio (4), Illinois (1), and Indiana (1).

Twenty hospitals have been involved, with 84 percent (314) of the cases being reported from among 9 Pennsylvania hospitals.

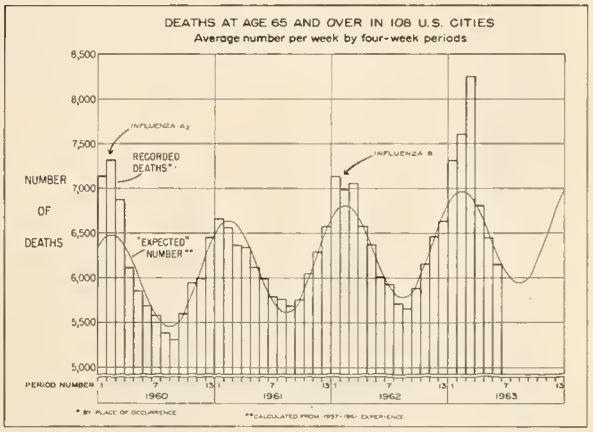
Sixty-six cases have not been related to hospitalization. These community-acquired cases appear to represent

(Continued on page 204)

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 U. S. CITIES

The weekly average number of deaths among persons 65 years and over in 108 cities for the four-week period ending June 15 was 6,154 as compared with an expected weekly average of 6,270.

	WEEK ENDING				4 Week Total	Weekly Average
	5/25	6/1	6/8	6/15		
Observed	6,093	5,498	6,584	6,441	24,616	6,154
Expected	6,355	6,296	6,240	6,187	25,078	6,270
Excess	-262	-798	344	254	- 462	- 116



(See table, Page 203)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 15, 1963 AND JUNE 16, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	24th week		Cumulative First 24 weeks		24th week		Cumulative First 24 weeks		24th week		24th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	6	17	67	175	5	14	57	135	1	3	37	28
NEW ENGLAND	-	-	-	1	-	-	-	1	-	-	2	1
Maine	-	-	-	-	-	-	-	-	-	-	-	1
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	1	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	1	-
Connecticut	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC	1	-	9	33	1	-	7	20	-	-	4	1
New York	1	-	5	32	1	-	5	19	-	-	2	-
New Jersey	-	-	1	1	-	-	1	1	-	-	-	-
Pennsylvania	-	-	3	-	-	-	1	-	-	-	2	1
EAST NORTH CENTRAL	-	-	15	10	-	-	11	6	-	-	7	7
Ohio	-	-	4	4	-	-	3	4	-	-	1	2
Indiana	-	-	2	3	-	-	-	2	-	-	2	-
Illinois	-	-	6	2	-	-	5	-	-	-	-	-
Michigan	-	-	2	-	-	-	2	-	-	-	3	4
Wisconsin	-	-	1	1	-	-	1	-	-	-	1	1
WEST NORTH CENTRAL	-	-	3	7	-	-	3	4	-	-	3	-
Minnesota	-	-	2	1	-	-	2	1	-	-	2	-
Iowa	-	-	-	3	-	-	-	2	-	-	1	-
Missouri	-	-	1	3	-	-	1	1	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	2	-	9	11	1	-	7	9	1	-	-	3
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	1	-	-	-	-	-	-	-	-
Virginia	1	-	2	2	-	-	1	2	1	-	-	-
West Virginia	-	-	1	-	-	-	1	-	-	-	-	-
North Carolina	-	-	2	2	-	-	2	2	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	-	1	2	-	-	-	2	-	-	-	-
Florida	1	-	3	4	1	-	3	3	-	-	-	3
EAST SOUTH CENTRAL	1	-	4	5	1	-	3	3	-	-	2	1
Kentucky	-	-	-	2	-	-	-	2	-	-	2	1
Tennessee	-	-	1	2	-	-	1	-	-	-	-	-
Alabama	-	-	2	1	-	-	1	1	-	-	-	-
Mississippi	1	-	1	-	1	-	1	-	-	-	-	-
WEST SOUTH CENTRAL	1	17	15	84	1	14	15	72	-	3	5	3
Arkansas	-	-	-	1	-	-	-	1	-	-	-	-
Louisiana	1	2	13	7	1	1	13	6	-	1	-	-
Oklahoma	-	-	-	1	-	-	-	-	-	-	2	-
Texas	-	15	2	75	-	13	2	65	-	2	3	3
MOUNTAIN	-	-	-	8	-	-	-	7	-	-	5	4
Montana	-	-	-	3	-	-	-	2	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	1	-	-	-	1	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	4	4
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	3	-	-	-	3	-	-	1	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	1	-	12	16	1	-	11	13	-	-	9	8
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	1	1	-	-	1	1	-	-	-	1
California	1	-	11	15	1	-	10	12	-	-	9	7
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	4	6	-	-	4	6	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 15, 1963 AND JUNE 16, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							24th week					
	24th week	Cumulative 24 weeks	24th week	Cumulative 24 weeks	24th week		Under 20 yr.	20 & over	Total		24th week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	8	156	6	126	33	36	310	293	659	825	12,223	13,202
NEW ENGLAND	-	-	-	4	2	3	36	30	67	46	493	1,859
Maine	-	-	-	-	-	-	20	11	31	20	14	106
New Hampshire	-	-	-	-	-	-	3	2	5	2	1	14
Vermont	-	-	-	-	-	-	-	-	-	3	110	87
Massachusetts	-	-	-	2	-	2	6	11	17	18	246	865
Rhode Island	-	-	-	2	2	-	-	-	1	1	26	113
Connecticut	-	-	-	-	-	1	7	6	13	2	96	674
MIDDLE ATLANTIC	-	4	-	20	6	10	54	54	108	139	2,269	3,020
New York	-	3	-	13	5	9	37	30	67	70	1,125	1,560
New Jersey	-	-	-	2	-	-	8	12	20	23	656	1,229
Pennsylvania	-	1	-	5	1	1	9	12	21	46	488	231
EAST NORTH CENTRAL	2	12	1	12	3	1	49	44	100	167	4,666	2,768
Ohio	-	-	-	1	-	1	13	20	36	52	657	375
Indiana	1	2	-	3	-	-	4	2	7	14	106	185
Illinois	1	9	-	3	2	-	9	9	20	35	167	364
Michigan	-	1	-	3	1	-	23	12	35	62	1,998	1,389
Wisconsin	-	-	1	2	-	-	-	1	2	4	1,738	455
WEST NORTH CENTRAL	3	108	1	36	2	6	10	10	23	72	337	376
Minnesota	-	7	-	15	-	-	-	2	3	21	61	110
Iowa	2	78	-	1	-	-	3	2	7	27	150	202
Missouri	1	5	-	1	-	1	4	2	6	13	100	16
North Dakota	-	-	-	1	1	-	-	-	-	1	24	47
South Dakota	-	7	1	10	-	1	-	-	-	-	2	1
Nebraska	-	5	-	8	-	-	1	2	3	1	-	-
Kansas	-	6	-	-	1	4	2	2	4	9	NN	NN
SOUTH ATLANTIC	-	4	3	26	3	3	39	25	71	94	995	839
Delaware	-	-	-	-	-	-	-	-	-	2	34	11
Maryland	-	-	-	-	1	2	5	6	11	9	84	68
District of Columbia	-	-	-	-	-	1	-	-	-	4	2	1
Virginia	-	2	-	-	-	-	3	8	16	20	354	306
West Virginia	-	-	-	1	-	-	4	3	8	11	399	310
North Carolina	-	1	-	1	-	-	10	3	13	19	20	6
South Carolina	-	-	3	9	-	-	2	-	3	2	32	20
Georgia	-	-	-	7	-	-	5	1	6	9	-	7
Florida	-	1	-	8	2	-	10	4	14	18	70	110
EAST SOUTH CENTRAL	-	4	-	9	1	-	28	23	51	88	678	481
Kentucky	-	-	-	-	-	-	15	6	21	37	391	145
Tennessee	-	3	-	2	1	-	5	8	13	29	259	275
Alabama	-	1	-	7	-	-	1	5	6	10	6	28
Mississippi	-	-	-	-	-	-	7	4	11	12	22	33
WEST SOUTH CENTRAL	2	12	1	16	1	2	26	25	51	47	401	941
Arkansas	-	3	-	1	-	1	-	1	1	10	5	5
Louisiana	-	-	-	2	-	-	10	2	12	3	2	2
Oklahoma	1	3	1	6	-	-	-	-	-	-	15	8
Texas	1	6	-	7	1	1	16	22	38	34	379	926
MOUNTAIN	1	5	-	1	-	1	11	4	50	42	1,070	1,153
Montana	-	-	-	-	-	-	2	-	2	2	55	208
Idaho	-	-	-	-	-	-	-	-	14	13	159	70
Wyoming	-	1	-	-	-	-	-	-	-	-	3	-
Colorado	-	-	-	-	-	-	6	-	14	11	278	338
New Mexico	-	-	-	1	-	1	2	2	4	3	NN	NN
Arizona	1	3	-	-	-	-	-	-	13	8	539	202
Utah	-	1	-	-	-	-	1	2	3	4	36	199
Nevada	-	-	-	-	-	-	-	-	-	1	-	136
PACIFIC	-	7	-	2	15	10	57	78	138	130	1,314	1,765
Washington	-	-	-	-	1	1	8	5	16	19	41	236
Oregon	-	2	-	-	-	-	4	6	10	15	142	497
California	-	4	-	2	14	9	45	65	110	84	1,032	955
Alaska	-	-	-	-	-	-	-	-	-	12	20	2
Hawaii	-	1	-	-	-	-	-	2	2	-	79	75
Puerto Rico	-	-	-	9	-	-	18	5	23	10	20	102

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES FOR WEEKS ENDED JUNE 15, 1963 AND JUNE 16, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	24th wk.	Cumulative 24 weeks	24th week		24th wk.	24th wk.	24th wk.	24th wk.	Cumulative 24 weeks	24th week		Cumulative 24 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES	47	1,358	4,851	4,638	9	7	9	6	161	70	63	1,869
NEW ENGLAND	4	86	528	321	-	-	-	-	6	2	-	20
Maine	1	15	5	5	-	-	-	-	-	-	-	1
New Hampshire	2	4	7	1	-	-	-	-	-	-	-	12
Vermont	-	3	6	17	-	-	-	-	1	2	-	7
Massachusetts	-	37	80	56	-	-	-	-	4	-	-	-
Rhode Island	1	9	30	16	-	-	-	-	-	-	-	-
Connecticut	-	18	400	226	-	-	-	-	1	-	-	-
MIDDLE ATLANTIC	7	190	288	237	1	-	-	-	20	6	4	53
New York	6	82	211	136	-	-	-	-	14	4	2	39
New Jersey	-	26	47	42	-	-	-	-	1	-	-	-
Pennsylvania	1	82	30	59	1	-	-	-	5	2	2	14
EAST NORTH CENTRAL	9	222	584	451	2	-	-	-	8	6	13	278
Ohio	2	62	64	47	-	-	-	-	2	-	-	161
Indiana	2	27	49	37	1	-	-	-	1	-	7	30
Illinois	2	37	72	65	-	-	-	-	3	4	2	43
Michigan	2	69	310	174	1	-	-	-	1	2	3	28
Wisconsin	1	27	89	128	-	-	-	-	1	-	1	16
WEST NORTH CENTRAL	-	80	90	95	2	-	-	1	10	15	17	445
Minnesota	-	16	14	10	2	-	-	-	3	7	3	121
Iowa	-	4	18	31	-	-	-	-	1	5	7	161
Missouri	-	28	1	11	-	-	-	1	6	1	6	80
North Dakota	-	4	56	24	-	-	-	-	-	-	1	13
South Dakota	-	4	-	1	-	-	-	-	-	1	-	54
Nebraska	-	19	-	-	-	-	-	-	-	1	-	8
Kansas	-	5	1	18	-	-	-	-	-	-	-	8
SOUTH ATLANTIC	11	247	312	368	1	2	-	2	34	8	6	296
Delaware	-	2	6	1	-	-	-	-	1	-	-	-
Maryland	2	40	8	11	-	-	-	-	3	-	-	-
Dist. of Columbia	-	4	2	2	-	-	-	-	-	-	-	-
Virginia	5	64	113	109	-	2	-	-	4	3	3	109
West Virginia	-	13	51	86	-	-	-	1	6	2	2	87
North Carolina	-	39	19	2	1	-	-	-	5	1	-	5
South Carolina	-	13	29	10	-	-	-	-	2	-	-	6
Georgia	4	16	3	41	-	-	-	-	2	1	-	35
Florida	-	56	81	106	-	-	-	1	11	1	1	54
EAST SOUTH CENTRAL	3	107	848	591	1	3	-	-	14	5	3	158
Kentucky	1	23	91	52	-	-	-	-	1	1	2	74
Tennessee	1	46	665	492	-	2	-	-	9	2	-	70
Alabama	-	21	6	2	1	1	-	-	4	2	1	14
Mississippi	1	17	86	45	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL	1	138	499	481	1	2	6	-	28	21	16	391
Arkansas	-	8	2	-	-	-	5	-	14	-	1	24
Louisiana	1	57	2	-	-	-	-	-	5	-	-	35
Oklahoma	-	27	1	8	-	2	1	-	2	1	2	33
Texas	-	46	494	473	1	-	-	-	7	20	13	299
MOUNTAIN	1	43	921	1,041	1	-	3	3	5	-	1	39
Montana	-	3	40	15	-	-	-	-	-	-	-	-
Idaho	-	3	91	95	-	-	-	-	-	-	-	-
Wyoming	-	1	13	6	-	-	2	-	-	-	-	-
Colorado	-	11	444	409	-	-	1	1	2	-	-	-
New Mexico	-	3	186	229	-	-	-	-	1	-	-	21
Arizona	-	7	92	194	1	-	-	2	2	-	1	18
Utah	1	12	55	91	-	-	-	-	-	-	-	-
Nevada	-	3	-	2	-	-	-	-	-	-	-	-
PACIFIC	11	245	781	1,053	-	-	-	-	36	7	3	189
Washington	1	18	93	113	-	-	-	-	-	-	-	-
Oregon	1	15	5	10	-	-	-	-	2	-	-	1
California	7	199	602	867	-	-	-	-	31	7	3	179
Alaska	1	6	30	51	-	-	-	-	1	-	-	9
Hawaii	1	7	51	12	-	-	-	-	2	-	-	-
Puerto Rico	-	4	13	1	1	-	-	-	8	-	-	6

Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	5/25	6/1	6/8	6/15
NEW ENGLAND:				
Boston, Mass.	135	129	156	135
Bridgeport, Conn.	19	18	28	28
Cambridge, Mass.	16	15	24	21
Fall River, Mass.	10	22	20	15
Hartford, Conn.	24	17	35	31
Lowell, Mass.	7	12	14	14
Lynn, Mass.	16	25	9	21
New Bedford, Mass.	23	13	20	22
New Haven, Conn.	22	20	24	28
Providence, R.I.	35	36	28	36
Somerville, Mass.	6	10	11	8
Springfield, Mass.	33	16	27	17
Waterbury, Conn.	16	21	19	13
Worcester, Mass.	31	37	34	41
MIDDLE ATLANTIC:				
Albany, N.Y.	26	20	29	20
Allentown, Pa.	22	21	17	15
Buffalo, N.Y.	73	67	85	74
Camden, N.J.	21	19	24	30
Elizabeth, N.J.	16	14	15	16
Erie, Pa.	25	29	25	19
Jersey City, N.J.	31	34	32	31
Newark, N.J.	63	24	60	47
New York City, N.Y.	877	891	883	854
Paterson, N.J.	25	11	17	16
Philadelphia, Pa.	219	204	258	261
Pittsburgh, Pa.	80	96	124	79
Reading, Pa.	28	25	25	25
Rochester, N.Y.	81	78	78	72
Schenectady, N.Y.	11	19	11	11
Scranton, Pa.	17	13	13	24
Syracuse, N.Y.	33	34	36	49
Trenton, N.J.	22	23	27	39
Utica, N.Y.	14	13	13	10
Yonkers, N.Y.	18	20	21	17
EAST NORTH CENTRAL:				
Akron, Ohio	30	26	31	33
Canton, Ohio	24	21	20	28
Chicago, Ill.	398	343	393	454
Cincinnati, Ohio	93	80	114	87
Cleveland, Ohio	97	90	130	140
Columbus, Ohio	74	71	62	58
Dayton, Ohio	50	40	45	31
Detroit, Mich.	170	124	205	244
Evansville, Ind.	19	23	28	24
Flint, Mich.	27	19	27	32
Fort Wayne, Ind.	16	27	33	27
Gary, Ind.	13	12	24	16
Grand Rapids, Mich.	27	31	40	22
Indianapolis, Ind.	77	72	85	88
Madison, Wis.	23	14	14	30
Milwaukee, Wis.	72	59	95	82
Peoria, Ill.	21	16	16	23
Rockford, Ill.	19	20	18	32
South Bend, Ind.	28	22	29	34
Toledo, Ohio	58	42	72	71
Youngstown, Ohio	38	33	41	44
WEST NORTH CENTRAL:				
Des Moines, Iowa	34	32	36	42
Duluth, Minn.	16	13	20	16
Kansas City, Kans.	24	22	22	23
Kansas City, Mo.	60	65	96	68
Lincoln, Nebr.	20	15	18	17
Minneapolis, Minn.	54	62	73	65
Omaha, Nebr.	47	31	46	51
St. Louis, Mo.	135	106	163	192
St. Paul, Minn.	50	44	45	44
Wichita, Kans.	27	22	20	34
SOUTH ATLANTIC:				
Atlanta, Ga.	62	48	44	66
Baltimore, Md.	112	93	133	109
Charlotte, N.C.	15	11	23	29
Jacksonville, Fla.	30	23	15	32
Miami, Fla.	41	24	55	36
Norfolk, Va.	16	15	16	19
Richmond, Va.	39	41	46	46
Savannah, Ga.	15	21	13	16
St. Petersburg, Fla.	52	42	53	58
Tampa, Fla.	45	30	44	28
Washington, D.C.	83	77	85	91
Wilmington, Del.	28	11	18	15
EAST SOUTH CENTRAL:				
Birmingham, Ala.	50	38	37	50
Chattanooga, Tenn.	18	17	18	27
Knoxville, Tenn.	26	16	27	11
Louisville, Ky.	61	29	69	52
Memphis, Tenn.	68	46	59	72
Mobile, Ala.	16	15	17	22
Montgomery, Ala.	19	18	17	22
Nashville, Tenn.	65	41	56	60
WEST SOUTH CENTRAL:				
Austin, Tex.	16	17	22	21
Baton Rouge, La.	18	15	14	15
Corpus Christi, Tex.	9	10	14	6
Dallas, Tex.	64	57	66	59
El Paso, Tex.	17	16	21	16
Fort Worth, Tex.	41	44	45	29
Houston, Tex.	70	76	74	72
Little Rock, Ark.	46	23	30	34
New Orleans, La.	68	70	90	94
Oklahoma City, Okla.	40	32	39	63
San Antonio, Tex.	45	53	56	58
Shreveport, La.	27	34	17	32
Tulsa, Okla.	28	28	41	36
MOUNTAIN:				
Albuquerque, N. Mex.	8	13	9	10
Colorado Springs, Colo.	8	18	13	12
Denver, Colo.	62	60	66	51
Ogden, Utah.	9	7	11	7
Phoenix, Ariz.	37	38	48	37
Pueblo, Colo.	5	6	8	9
Salt Lake City, Utah.	41	27	29	24
Tucson, Ariz.	28	23	26	19
PACIFIC:				
Berkeley, Calif.	11	14	11	15
Fresno, Calif.	23	24	25	34
Glendale, Calif.	33	20	31	21
Honolulu, Hawaii.	19	22	17	14
Long Beach, Calif.	38	29	51	37
Los Angeles, Calif.	292	231	305	310
Oakland, Calif.	67	46	55	53
Pasadena, Calif.	24	17	39	28
Portland, Oreg.	67	56	73	53
Sacramento, Calif.	32	29	32	30
San Diego, Calif.	51	65	47	40
San Francisco, Calif.	115	120	127	124
San Jose, Calif.	22	23	28	22
Seattle, Wash.	87	64	107	85
Spokane, Wash.	35	44	21	48
Tacoma, Wash.	29	23	39	27
San Juan, P.R.	19	20	11	15

Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	11,558
4(B) Pneumonia-Influenza Deaths, all ages	387
4(C) Total Deaths under 1 Year of Age	776
4(D) Total Deaths, Persons 65 years and over	6,441

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the expected isolations of *Salmonella derby* unrelated to the outbreak. An additional 27 cases may have been associated with hospitalization, and 50 cases are currently under study.

Approximately one-half of the hospitals are still experiencing a small number of new cases.

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

Symbols: --- Data not available
- Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta 22, Georgia.

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INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
1962 Edition
Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

CITY:	University Park, New Mexico
CENTER:	Student Health Service New Mexico State University Tel. 526-6611, Ext. 451
CLINIC HOURS:	By Appointment
FEE:	Yes

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia

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